

Abstract

A cost-effective method for detecting the three-dimensional shape of interior spaces such as footwear, prosthesis funnels, etc. is described. For this purpose the inner wall of the interior space is lined with a formfitting, elastic and photogrammetrically marked envelope (2), a series of overlapping recordings of
5 said interior space marked in this way is produced with the aid of one or more imaging devices (4) and from this the 3D-shape of the interior space is determined using photogrammetrical methods. The invention describes various methods of lining the interior space, of guiding the imaging devices (9) into the different
10 recording positions and of the type of the measurable interior spaces.

Fig. 2